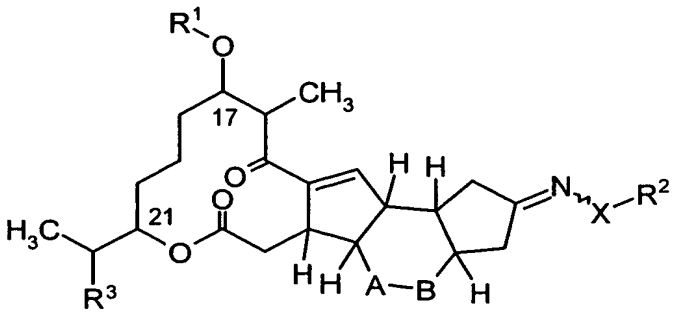
Patent Claims:

1. Compounds according to the general formula (I)



(I)

and derived salts,

in which

X stands for O, NH or NR^4,

R^1 stands for hydrogen or an amino sugar,

R^2 stands for hydrogen or, if applicable, substituted alkyl, cycloalkyl, arylalkyl, hetarylalkyl, aryl or hetaryl, or, for CO-R‘ or CS-R‘ if X stands for NH or NR^4,

where

R‘ stands for amino, possibly substituted alkyl, alkylamino, dialkylamino, aryl, arylamino, hetarylamino, arylalkyl, hetaryl or hetarylalkyl,

R^3 stands for hydrogen or hydroxy,

R^4 stands for possibly substituted alkyl or forms a 3-, 4-, 5-, 6-, 7- or 8-membered ring with R^2, which can be interrupted by one or more heteroatom(s), such as O, S, SO, SO_2, NH or NR^5 and is possibly substituted,

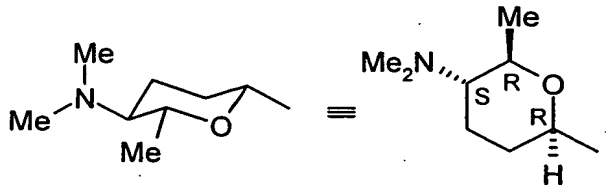
R^5 stands for possibly substituted alkyl, cycloalkyl, arylalkyl, hetarylalkyl, aryl or hetaryl, and

A-B stands for one of the following groups: -HC=CH-, -HC=C(CH_3)-, -H_2C-CH_2- or -H_2C-CH(CH_3)-.

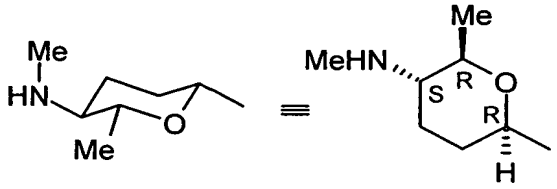
2. Compounds according to Claim 1, characterised in that

X stands for O, NH or NMe,

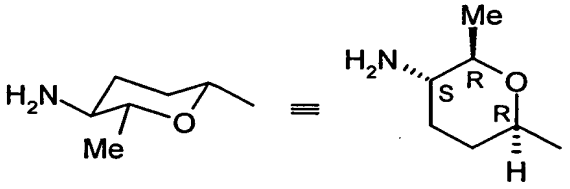
R^1 stands for hydrogen or an amino sugar according to the formulae 1a to 1g



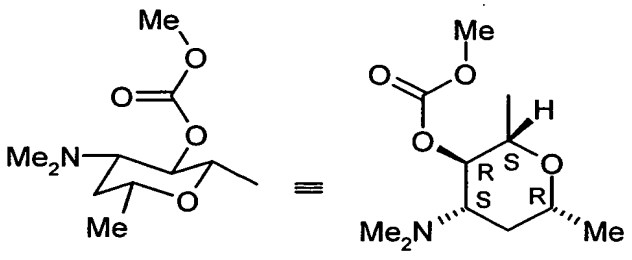
1a



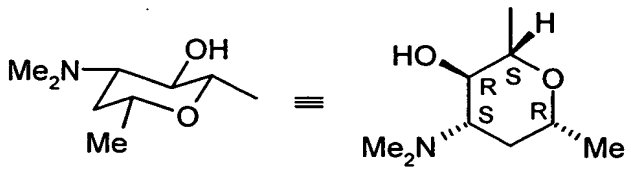
1b



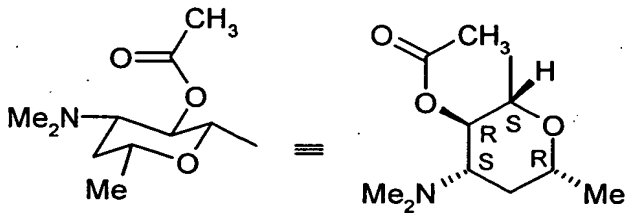
1c



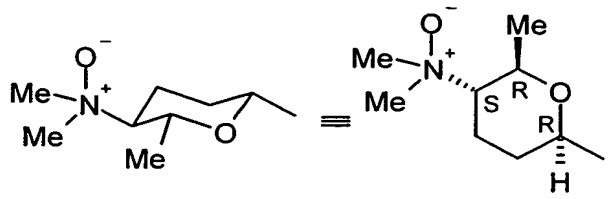
1d



1e



1f



1g

R^2 stands for possibly substituted aryl-C_1-C_3-alkyl, in particular for benzyl, 1-phenyl-ethyl, 2-phenyl-ethyl, 3-phenyl-propyl, 2-phenyl-propyl, 2-phenyl-isopropyl, 1-methyl-2-phenyl-ethyl, hetaryl-C_1-C_3-alkyl, hetarylmethyl, 1-hetaryl-ethyl, 2-hetaryl-ethyl, 3-hetaryl-propyl, 2-hetaryl-propyl, 2-hetaryl-isopropyl, 1-methyl-2-hetaryl-ethyl, and the substituents can be selected from the group of hydrogen, straight-chained or branched alkyl with up to 4 carbon atoms, particularly methyl, ethyl, propyl, isopropyl, butyl, isobutyl, sec-butyl, tert-butyl, halogenalkyl with up to 2 carbon atoms, particularly trifluoromethyl, difluorochloromethyl, pentafluoroethyl, alkenyl with up to 3 carbon atoms, cyclic alkyl with up to 6 carbon atoms, in particular cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, hydroxy, halogen, particularly bromine, chlorine, fluorine or iodine, alkoxy, particularly methoxy, ethoxy, propoxy, isopropoxy, butoxy, isobutoxy, sec-butoxy, tert-butoxy, cycloalkoxy, in particular cyclopropyloxy, alkenyloxy, particularly allyloxy, dioxoalkylene, in particular dioxomethylene, halogenalkoxy, particularly trifluoromethoxy, alkylthio, in particular methylthio, halogenalkylthio, particularly trifluoromethylthio, alkylsulphonyl,

particularly methylsulphonyl, halogenalkylsulphonyl, particularly trifluoromethylsulphonyl, hetarylsulphonyl, particularly N-morpholinosulphonyl or N-pyrazolylsulphonyl, nitro, amino, a suitable cyclic amino group, particularly N-pyrrolidino, N-piperidino, N-morpholino, N-(2,6-dimethyl-morpholino), N-methyl-piperazino, N-thiomorpholino or N-dioxothiomorpholino, alkylamino, particularly methylamino, ethylamino, propylamino, isopropylamino, butylamino, sec-butylamino, isobutylamino, tert-butylamino, alkyleneamino, particularly propyleneamino, dialkylamino, particularly dimethylamino, diethylamino, carboxyl, carbamoyl, cyano, alkoxycarbonyl, particularly methoxycarbonyl, ethoxycarbonyl, propyloxycarbonyl, isopropyloxycarbonyl, butyloxycarbonyl, sec-butyloxycarbonyl, isobutyloxycarbonyl, tert-butyloxycarbonyl, alkyleneoxycarbonyl, particularly propyleneoxycarbonyl, N-alkoxycarbonyl-amino, particularly N-methoxycarbonylamino, N-ethoxycarbonylamino, N-propyloxycarbonylamino, N-isopropyloxycarbonylamino, N-butyloxycarbonylamino, N-sec-butyloxycarbonylamino, N-isobutyloxycarbonylamino, N-tert-butyloxycarbonylamino, cyanoalkylenecarbonylamino, particularly cyanomethylenecarbonylamino, cyanoethylenecarbonylamino, N-alkyleneoxycarbonylamino, particularly N-propyleneoxycarbonylamino, N-alkylsulphonylamino, particularly N-methylsulphonylamino, N-ethylsulphonylamino, N-propylsulphonylamino, N-isopropylsulphonyl-amino, N-butylsulphonylamino, N-sec-butylsulphonylamino, N-isobutylsulphonylamino, N-tert-butylsulphonylamino, N-alkylenesulphonylamino, particularly N-propylenesulphonylamino, if applicable, substituted arylsulphonylamino, particularly 4-trifluoromethyl-phenylsulphonylamino, N-alkoxycarbonyl-N-alkyl-amino, particularly N-methoxycarbonyl-N-methylamino, N-methoxy-carbonyl-N-ethylamino, N-ethoxycarbonyl-N-methylamino, N-ethoxycarbonyl-N-ethylamino, N-propyloxycarbonyl-N-methylamino, N-propyloxycarbonyl-N-ethylamino, N-isopropyloxycarbonyl-N-methylamino, N-isopropyloxycarbonyl-N-ethylamino, N-butyloxycarbonyl-N-methylamino, N-butyloxycarbonyl-N-ethyl-amino, N-sec-butyloxycarbonyl-N-methylamino, N-sec-butyloxycarbonyl-N-ethylamino, N-isobutyl-oxycarbonyl-N-methyl-amino, N-isobutyloxycarbonyl-N-ethylamino, N-tert-butyloxycarbonyl-N-methylamino, N-tert-butyloxycarbonyl-N-methyl-

amino, N-alkyleneoxycarbonyl-N-alkylamino, particularly N-propyleneoxycarbonyl-N-methylamino, N-propyleneoxycarbonyl-N-methylamino, N-alkylcarbonyl-N-alkylamino, particularly N-methylcarbonyl-N-methylamino, N-methyl-carbonyl-N-ethylamino, N-ethyl-carbonyl-N-methylamino, N-ethylcarbonyl-N-ethylamino, N-cycloalkylcarbonylamino, particularly N-cyclopropylcarbonylamino, N-1-methylcycloprop-1-yl-carbonyl-N-amino, N-cyclobutylamino, N-alkoxycarbonyl-N-alkylsulphonylamino, particularly N-methoxy-carbonyl-N-methylsulphonylamino, N-methoxycarbonyl-N-ethyl-sulphonylamino, N-ethoxycarbonyl-N-methylsulphonylamino, N-ethoxycarbonyl-N-ethylsulphonylamino, N-propyloxycarbonyl-N-methylsulphonylamino, N-propyloxycarbonyl-N-ethylsulphonyl-amino, N-isopropyloxycarbonyl-N-methylsulphonylamino, N-isopropyloxycarbonyl-N-ethylsulphonylamino, N-butyloxycarbonyl-N-methylsulphonylamino, N-butyloxycarbonyl-N-ethylsulphonylamino, N-sec-butyloxycarbonyl-N-methylsulphonylamino, N-sec-butyloxycarbonyl-N-ethylsulphonylamino, N-isobutyloxycarbonyl-N-methylsulphonylamino, N-isobutyloxycarbonyl-N-ethylsulphonylamino, N-tert-butyloxycarbonyl-N-methylsulphonylamino, N-tert-butyloxycarbonyl-N-methylsulphonylamino, N-alkyleneoxycarbonyl-N-alkylsulphonylamino, particularly N-propyleneoxycarbonyl-N-methylsulphonylamino, N-propyleneoxycarbonyl-N-methylsulphonyl-amino, N-alkylcarbonyl-N-alkylsulphonylamino, particularly N-methylcarbonyl-N-methylsulphonylamino, N-methylcarbonyl-N-ethylsulphonylamino, N-ethylcarbonyl-N-methylsulphonylamino, N-ethylcarbonyl-N-ethylsulphonylamino, N-cycloalkylcarbonyl-N-alkylsulphonylamino, particularly N-cyclopropylcarbonyl-N-methylsulphonylamino, N-1-methylcycloprop-1-yl-carbonyl-N-methylsulphonylamino, N-cyclobutyl-N-methylsulphonylamino, alkylaminocarbonylamino, particularly N-methylaminocarbonylamino, N-ethylaminocarbonylamino, N,N-dialkylaminocarbonylamino, particularly N,N-dimethylaminocarbonylamino, N-alkylaminosulphonylamino, particularly N-methylaminosulphonylamino, N,N-dialkylaminosulphonylamino, particularly N,N-dimethylaminosulphonylamino, and

if X stands for NH or NMe,

R^2 further stands for CO-R' or CS-R',

where

R' stands for amino, possibly substituted C_1-C_4-alkyl, C_1-C_4-alkylamino, di-C_1-C_4-alkylamino, aryl, arylamino, hetarylamino, aryl-C_1-C_3-alkyl, hetaryl or hetaryl-C_1-C_3-alkyl,

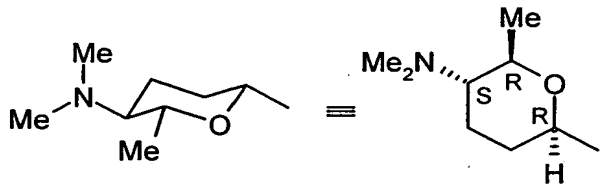
R^4 stands for possibly substituted C_1-C_4-alkyl or forms a 6-membered ring with R^2, which can be interrupted by O, S or NR^5 and is possibly substituted, and

R^5 stands for possibly substituted C_1-C_4-alkyl.

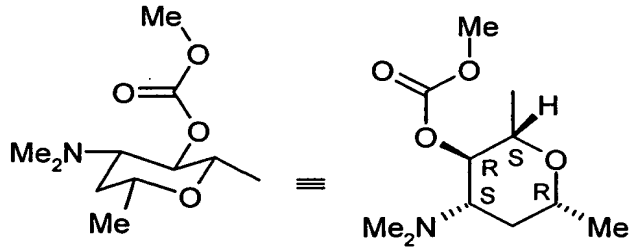
3. Compounds according to Claim 1 or 2, characterised in that

X stands for O or NH,

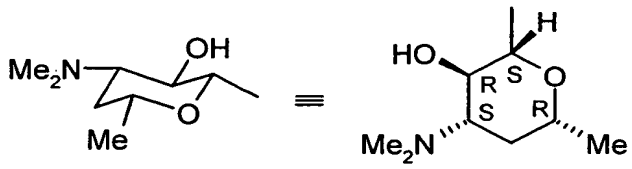
R^1 stands for hydrogen or an amino sugar according to formulae 1a, 1d or 1e



1a



1d



1e

R^2 stands for aryl-C_1-C_3-alkyl, particularly for benzyl, 1-phenylethyl, hetaryl-C_1-C_3-alkyl, hetarylmethyl, particularly pyridylmethyl, pyrimidylmethyl, pyridazinylmethyl, pyrazylmethyl, furylmethyl, thiazolylmethyl, pyrazolylmethyl, oxazolylmethyl, isoxazolylmethyl, thiazolylmethyl, imidazolylmethyl, triazolylmethyl, tetrazolylmethyl, dihydrodioxazinylmethyl, 1-hetarylethyl, particularly 1-pyridylethyl, 1-pyrimidylethyl, 1-pyridazinylethyl, 1-pyrazylethyl, 1-furylethyl, 1-thiazolylethyl, 1-pyrazolylethyl, 1-oxazolylethyl, 1-isoxazolylethyl, 1-thiazolylethyl, 1-imidazolylethyl, 1-triazolylethyl, 1-tetrazolylethyl, 1-dihydrodioxazinylethyl, which, if applicable, can each be substituted by moieties from the group consisting of hydrogen, straight-chained or branched alkyl with up to 4 carbon atoms, particularly methyl, ethyl, propyl, tert-butyl, halogenalkyl, particularly trifluoromethyl, hydroxy, halogen, particularly bromine, chlorine, fluorine or iodine, alkoxy, particularly methoxy, ethoxy, tert-butoxy, halogenalkoxy, particularly trifluoromethoxy, alkylthio, particularly methylthio, halogenalkylthio, particularly trifluoromethylthio, alkylsulphonyl, particularly methylsulphonyl, halogenalkylsulphonyl, particularly trifluoromethylsulphonyl, nitro, amino, alkylamino, particularly methylamino, ethylamino, N-alkoxycarbonylamino, particularly N-methoxycarbonylamino, N-ethoxycarbonylamino, N-propyloxycarbonylamino, N-isopropyloxycarbonylamino, N-butyl-oxycarbonylamino, N-sec-butyloxycarbonylamino, N-isobutyloxy-carbonylamino, N-tert-butyloxycarbonylamino, N-alkyleneoxycarbonyl-amino, particularly N-propyleneoxycarbonylamino, N-alkylsulphonylamino, particularly N-methylsulphonylamino, N-ethylsulphonylamino, N-propylsulphonylamino, N-isopropylsulphonylamino, N-butylsulphonylamino, N-sec-butylsulphonylamino, N-isobutylsulphonylamino, N-tert-butylsulphonylamino, N- N-alkoxycarbonyl-N-alkylamino, particularly N-methoxycarbonyl-N-methylamino, N-methoxy-carbonyl-N-ethylamino, N-ethoxycarbonyl-N-methylamino, N-ethoxycarbonyl-N-ethylamino, N-propyloxycarbonyl-N-methylamino, N-propyloxycarbonyl-N-ethylamino, N-isopropyloxycarbonyl-N-methylamino, N-isopropyloxycarbonyl-N-ethylamino, N-butyloxy-carbonyl-N-methylamino, N-butyloxycarbonyl-N-ethylamino, N-sec-butyloxycarbonyl-N-methylamino, N-sec-butyloxycarbonyl-N-ethyl-amino, N-

isobutyloxycarbonyl-N-methylamino, N-isobutyloxycarbonyl-N-ethylamino, N-tert-butyloxycarbonyl-N-methylamino, N-tert-butyloxycarbonyl-N-methylamino, N-alkyleneoxycarbonyl-N-alkylamino, particularly N-propyleneoxycarbonyl-N-methylamino, N-propyleneoxycarbonyl-N-methylamino, N-alkylcarbonyl-N-alkylamino, particularly N-methylcarbonyl-N-methyl-amino, N-methylcarbonyl-N-ethylamino, N-ethylcarbonyl-N-methyl-amino, N-ethylcarbonyl-N-ethylamino, N-cycloalkylcarbonylamino, particularly N-cyclopropylcarbonylamino, N-1-methylcycloprop-1-yl-carbonyl-N-amino, N-cyclobutylamino, N-alkoxycarbonyl-N-alkylsulphonylamino, particularly N-methoxycarbonyl-N-methylsulphonylamino, N-methoxycarbonyl-N-ethylsulphonylamino, N-ethoxycarbonyl-N-methylsulphonylamino, N-ethoxycarbonyl-N-ethylsulphonylamino, N-propyloxycarbonyl-N-methylsulphonyl-amino, N-propyloxycarbonyl-N-ethylsulphonylamino, N-isopropyloxycarbonyl-N-methylsulphonylamino, N-isopropyloxycarbonyl-N-ethylsulphonylamino, N-butyloxycarbonyl-N-methyl-sulphonylamino, N-butyloxycarbonyl-N-ethylsulphonylamino, N-sec-butyloxycarbonyl-N-methylsulphonyl-amino, N-sec-butyloxycarbonyl-N-ethylsulphonylamino, N-isobutyloxycarbonyl-N-methylsulphonyl-amino, N-isobutyloxy-carbonyl-N-ethylsulphonylamino, N-tert-butyloxycarbonyl-N-methylsulphonylamino, N-tert-butyloxycarbonyl-N-methylsulphonylamino, N-alkyleneoxycarbonyl-N-alkylsulphonyl-amino, particularly N-propyleneoxycarbonyl-N-methylsulphonyl-amino, N-propyleneoxycarbonyl-N-methylsulphonylamino, N-alkylcarbonyl-N-alkylsulphonylamino, particularly N-methylcarbonyl-N-methylsulphonyl-amino, N-methylcarbonyl-N-ethylsulphonyl-amino, N-ethylcarbonyl-N-methylsulphonylamino, N-ethylcarbonyl-N-ethylsulphonylamino, N-cycloalkylcarbonyl-N-alkylsulphonyl-amino, particularly N-cyclopropylcarbonyl-N-methylsulphonylamino, N-1-methylcycloprop-1-yl-carbonyl-N-methylsulphonylamino, N-cyclobutyl-N-methylsulphonylamino, alkylaminocarbonylamino, particularly N-methylaminocarbonylamino, N-ethyl-aminocarbonylamino, N,N-dialkylaminocarbonylamino, particularly N,N-dimethylaminocarbonylamino, N-alkylaminosulphonylamino, particularly N-methylaminosulphonylamino, N,N-di-alkylaminosulphonylamino, particularly N,N-dimethylaminosulphonyl-amino, and

if X stands for NH or NMe,

R^2 further stands for CO-R' or CS-R',

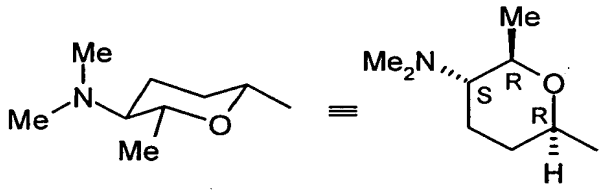
where

R' stands for amino, arylamino, particularly trifluoromethoxyphenylamino, trifluoromethylphenylamino, chlorophenylamino, hetarylamino, particularly bromopyridylamino and trifluoromethylpyridylamino.

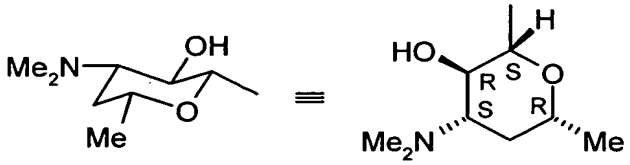
4. Compounds according to one of Claims 1 to 3, characterised in that

X stands for O,

R^1 stands for hydrogen or an amino sugar according to formulae 1a or 1e



1a



1e

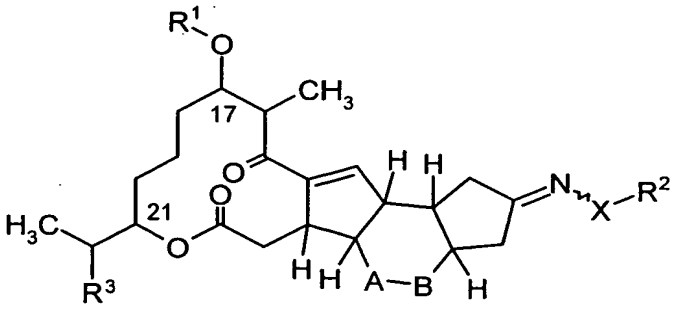
R^2 stands for benzyl, 1-phenylethyl, hetarylmethyl, particularly pyridylmethyl, pyridazinylmethyl, thiazolylmethyl, pyrazolylmethyl, isoxazolylmethyl, imidazolylmethyl, dihydrodioxazinylmethyl, 1-pyridylethyl, 1-thiazolylethyl, 1-dihydrodioxazinylethyl, which, if applicable, can each be substituted by moieties from the group consisting of hydrogen, methyl, tert-butyl, trifluoromethyl, bromine, chlorine, fluorine, methoxy, trifluoromethoxy, nitro, amino, methylamino, ethylamino, N-methoxycarbonylamino, N-ethoxycarbonylamino, N-propyloxycarbonylamino, N-isopropyloxycarbonylamino, N-tert-butyloxycarb-

onylamino, N-propyleneoxycarbonylamino, N-methylsulphonylamino, N-ethylsulphonylamino, N-methoxycarbonyl-N-methylamino, N-ethoxycarbonyl-N-methylamino, N-isopropyloxycarbonyl-N-methyl-amino, N-tert-butyloxycarbonyl-N-methylamino, N-propyleneoxy-carbonyl-N-methylamino, N-cyclopropylcarbonylamino, N-1-methylcycloprop-1-yl-carbonyl-N-amino, N-methoxycarbonyl-N-methylsulphonylamino, N-methoxycarbonyl-N-ethylsulphonylamino, N-isobutyloxycarbonyl-N-methylsulphonylamino, N-tert-butyloxycarbonyl-N-methylsulphonylamino, N-tert-butyloxycarbonyl-N-methylsulphonylamino, N-propyleneoxycarbonyl-N-methylsulphonylamino, N-cyclopropylcarbonyl-N-methylsulphonyl-amino, N-1-methylcycloprop-1-yl-carbonyl-N-methylsulphonyl-amino, N,N-dialkylaminocarbonylamino, N-methylaminosulphonylamino, N,N-dialkylaminosulphonylamino.

5. Compounds according to one of Claims 1 to 4, characterised in that

A-B stands for one of the following groups: -HC=CH- or $-H_2C-CH_2-$.

6. Process for the manufacture of a compound according to the general formula (I),



(I)

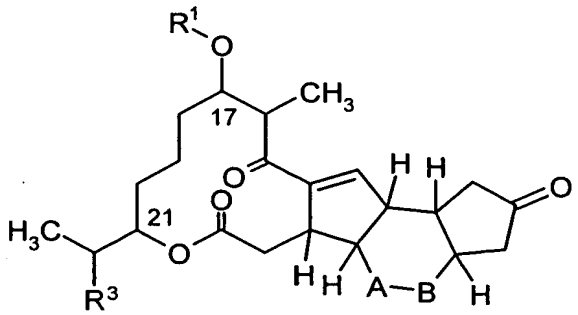
and derived salts,

in which

R^1, R^2, R^3, X and A-B have the meanings specified in one of Claims 1 to 5,

characterised in that

compounds of the general formula (II)



(II)

in which

R^1, R^3 and A-B have the meanings specified above,

are reacted with amino compounds of the general formula (III)

$$H_2N\text{-}X\text{-}R^2 \qquad (III)$$

in which

R^2 and X have the meanings indicated above,

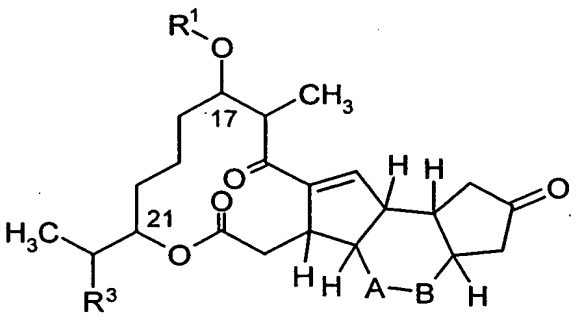
in the presence of a basic catalyst and, if applicable, in the presence of a diluent.

7. Agent for controlling animal pests containing one or more compounds according to one of Claims 1 to 5.

8. Use of compounds according to one of Claims 1 to 5 for controlling animal pests.

9. Process for the manufacture of agents for controlling pests, characterised in that one or more compounds according to one of Claims 1 to 5 are mixed with extenders and/or surfactants.

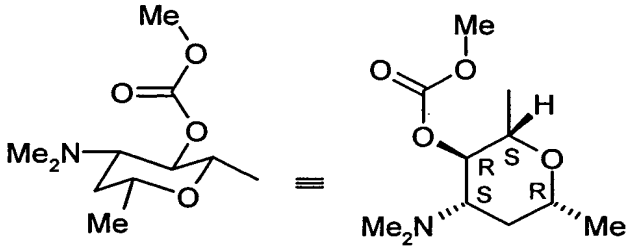
10. Compounds according to the general formula (II)



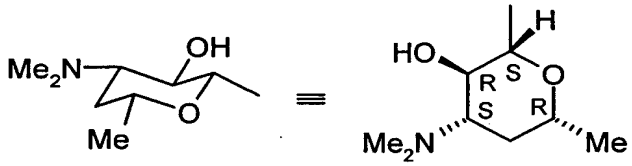
(II)

in which

R^1 stands for an amino sugar according to formulae 1d or 1e



1d

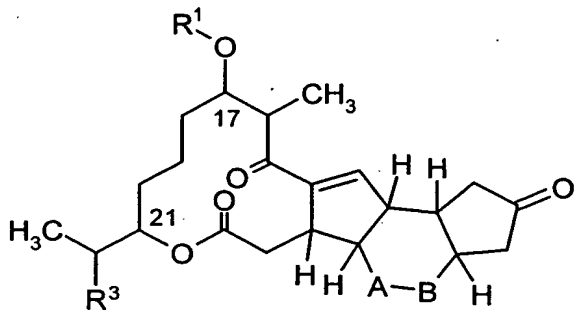


1e

and

R^3 and A-B have the meanings indicated in Claim 1.

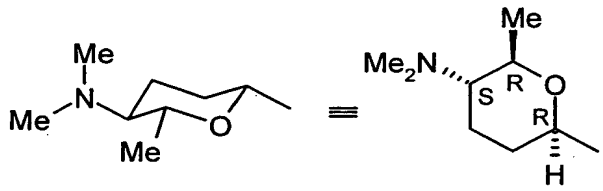
11. Compounds according to the general formula (II)



(II)

in which

R^1 stands for an amino sugar according to formula 1a



1a

R^3 stands for hydrogen or hydroxy, and

A-B stands for one of the following groups: $-HC=C(CH_3)-$, $-H_2C-CH_2-$ or $-H_2C-CH(CH_3)-$.